

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>				
<b>Filing Date:</b>				
<b>Title of Invention:</b>	METHOD AND APPARATUS TO PERFORM CHANNEL ESTIMATION FOR A COMMUNICATION SYSTEM			
<b>First Named Inventor:</b>	Alexander Maltsev			
<b>Filer:</b>	Robert Vincent Racunas/Deborah Higham			
<b>Attorney Docket Number:</b>	1020.P17139			
Filed as Large Entity				
<b>U.S. National Stage under 35 USC 371 Filing Fees</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>
<b>Basic Filing:</b>				
National Stage Fee	1631	1	300	300
Natl Stage Search Fee - Report provided	1642	1	400	400
National Stage Exam - all other cases	1633	1	200	200
<b>Pages:</b>				
<b>Claims:</b>				
Claims in excess of 20	1615	1	50	50
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				950